Index of Claims

Application/Control No.

10/615,554 Examiner

Tianjie Chen

Applicant(s)/Patent under Reexamination

DOBISZ ET AL.

Art Unit

2652

| 1 | Rejected |
|---|----------|
|   | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| ı | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla          | Claim Date |  |                 |          |           |          | Claim Date |          |  |              |   |             | С        | aim      | Date     |          |          |          |          |                         |         |       |          |            |              |          |          |              |              |          |                 |          |                 |
|--------------|------------|--|-----------------|----------|-----------|----------|------------|----------|--|--------------|---|-------------|----------|----------|----------|----------|----------|----------|----------|-------------------------|---------|-------|----------|------------|--------------|----------|----------|--------------|--------------|----------|-----------------|----------|-----------------|
| Final        | Original   | 10/17/05   |                 |          |           |          |            |          |  |              |   | Final       | Original |          |          |          |          |          |          |                         |         |       | Final    | Original   |              |          |          |              |              |          |                 |          |                 |
|              | 1          | R  |                 |          | I         |          |            |          |  |              |   |             | 51       |          |          |          |          |          | I        | I                       |         |       |          | 101        |              |          |          |              |              |          |                 |          |                 |
|              | 2          | R  |                 |          |           |          |            |          |  |              |   |             | 52       |          |          |          |          |          |          |                         |         |       |          | 102        |              |          |          |              |              |          |                 |          |                 |
|              | 3          | R  | $\perp$         | 4        | 1         | _        | _          |          |  | L            |   |             | 53       |          |          |          | _        | 4        | _        | _                       |         |       |          | 103        | Щ            |          |          | _            |              |          | _               | _        | 4               |
|              | 4          | R  | $\vdash$        | 4        | 4         | _        | _          |          | _  | <b> </b>     |   |             | 54       | $\vdash$ |          | _        | 4        | 4        | +        | ┿                       | -       |       |          | 104        | _            |          |          |              | _            | _        |                 | $\dashv$ | 4               |
|              | 5          | R  | +               | +        | +         | -        |            |          |  | ├            |   | <u> </u>    | 55       | $\sqcup$ | $\dashv$ | $\dashv$ | +        | +        |          | +-                      |         |       |          | 105        | Н            |          | $\vdash$ |              |              |          | $\dashv$        | $\dashv$ | 4               |
|              | 6<br>7     | R  | +               | +        | +         | $\dashv$ |            |          | -  | ├            |   |             | 56<br>57 | ╁╌╂      | $\dashv$ | $\dashv$ | $\dashv$ | +        | +        | ┿                       |         |       |          | 106<br>107 | H            |          |          |              |              | -        | $\dashv$        | $\dashv$ | $\dashv$        |
| _            | 8          | R<br>R   | +               | +        | +         | $\dashv$ | $\dashv$   |          | $\vdash$   | -            |   |             | 58       | ┨        | $\dashv$ | $\dashv$ | +        | +        | +        | +                       | +       |       | -        | 107        | H            |          |          |              | -i           |          | -               | $\dashv$ | $\dashv$        |
| <del></del>  | 9          | R  | $\vdash$        | ╅        | +         | -+       | ᅱ          | _        | ┝  | ╁            |   |             | 59       | $\vdash$ | $\dashv$ | -        | -+       | $\dashv$ | +        | +                       | +       |       |          | 109        | $\vdash$     |          |          |              |              |          | _               | $\dashv$ | $\dashv$        |
| $\vdash$     | 10         | R  | $\vdash$        | ╅        | $\dashv$  | 十        | 一          | _        | -  | $\vdash$     |   | $\vdash$    | 60       | $\vdash$ | 一        | _        | $\dashv$ | +        | -        | +                       | +       |       |          | 110        |              |          |          |              |              |          |                 | $\dashv$ | ╡               |
|              | 11         | R  | $\vdash$        | $\dashv$ | 十         | 寸        |            |          | -  | 1            |   |             | 61       | Н        | ヿ        | 寸        | 寸        | _        | $\top$   | $\top$                  | +       |       |          | 111        | Н            |          |          |              |              |          |                 | $\dashv$ | ᅴ               |
|              | 12         | R  | $\sqcap$        | $\top$   | 十         | $\dashv$ |            |          | Г  |              |   |             | 62       | П        | $\neg$   | $\neg$   | 十        | $\dashv$ | $\top$   | $\top$                  | 1       |       |          | 112        |              |          |          |              |              |          |                 | $\neg$   | $\neg$          |
|              | 13         | R  |                 | 寸        | $\top$    | $\neg$   |            |          | Г  |              |   |             | 63       | $\Box$   |          |          | _†       |          |          |                         |         |       |          | 113        |              |          |          |              |              |          |                 | 二        |                 |
|              | 14         | R  |                 |          |           |          |            |          |  |              | ] |             | 64       |          |          |          | $\Box$   |          |          | $oldsymbol{\mathbb{T}}$ |         | ]     |          | 114        |              |          |          |              |              |          |                 |          |                 |
|              | 15         | R  |                 |          | $\Box$    |          |            |          |  |              |   |             | 65       | Ш        |          |          |          | $\perp$  | $\perp$  |                         |         | ļ     |          | 115        |              |          |          |              |              |          |                 | _        |                 |
|              | 16         | R  | Щ               | _        | $\dashv$  | _        | _          |          | _  | $oxed{oxed}$ |   |             | 66       | Ш        | _        | _        |          | _        |          | 1                       |         |       |          | 116        |              |          |          |              |              |          | $\Box$          | _        | _               |
|              | 17         | R  | $\sqcup$        | 4        | _         | _        | ļ          |          | _  | 1_           |   |             | 67       |          | _        | _        | _        | 4        | _        | 4                       | _       |       |          | 117        |              |          | Ш        |              |              |          |                 | $\dashv$ | $\dashv$        |
|              | 18         | R  | $\sqcup$        | _ -      | 4         |          |            |          | _  | _            |   |             | 68       | $\sqcup$ | _        | _        |          | $\dashv$ | +        |                         | -       |       |          | 118        | _            |          | Н        |              |              |          |                 | -        | $\dashv$        |
|              | 19         | R  | -               | 4        | 4         | $\dashv$ |            | _        | _  | _            |   |             | 69       |          |          |          | $\dashv$ | -        | +        | +                       | +       |       |          | 119        | L            | _        | Н        |              |              |          | $\dashv$        | $\dashv$ | $\dashv$        |
|              | 20         | R  | ┝╌┼             | -        | +         | $\dashv$ |            | _        |  | $\vdash$     | ł |             | 70<br>71 | $\vdash$ | $\dashv$ | -        | -        |          | +        | +                       |         |       |          | 120<br>121 | -            | _        | $\vdash$ |              |              |          | -               | $\dashv$ | $\dashv$        |
| -            | 21         | R<br>R   | -               |          | ┽         | -        | $\dashv$   |          | -  | $\vdash$     | 1 |             | 72       | $\vdash$ | -        | $\dashv$ |          | -        | +        | +                       |         |       |          | 122        | -            | -        | Н        |              | _            | -        |                 | $\dashv$ | $\dashv$        |
| $\vdash$     | 23         | <u>                                   </u>       | $\vdash$        | $\dashv$ | +         | $\dashv$ | -          | —        | ┝  | ╁            | ł | -           | 73       | Н        | $\dashv$ | $\dashv$ | $\dashv$ | +        | ╁        | ╁                       |         | 1     | -        | 123        |              |          | Н        |              |              | Н        |                 | ᅱ        | $\dashv$        |
| <u> </u>     | 24         | ┢  | H               | $\dashv$ | $\dagger$ | $\dashv$ | $\dashv$   |          | -  | $\vdash$     |   |             | 74       | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +        | ╁                       | +       | 1     |          | 124        | -            | H        | Н        |              |              |          |                 | ᅥ        | $\dashv$        |
|              | 25         | <del>                                     </del> |                 | 十        | 7         | 寸        | $\dashv$   | _        | H  | $\vdash$     | 1 |             | 75       | П        | $\neg$   | _        | 十        | 十        | +        | $\top$                  | $\top$  |       |          | 125        | T            | $\vdash$ |          | _            |              |          |                 | 寸        | ⊣               |
|              | 26         |  |                 |          | $\dashv$  | 寸        |            |          | T  | T            |   |             | 76       | $\Box$   |          |          |          | 寸        | 7        | ┪                       | 十一      |       |          | 126        |              | Т        |          |              |              |          |                 | $\neg$   | $\neg$          |
|              | 27         |  |                 |          |           |          |            |          | Г  | T            |   |             | 77       |          | $\neg$   | $\Box$   |          |          |          |                         |         |       |          | 127        |              |          |          |              |              |          |                 |          |                 |
|              | 28         |  |                 |          | T         |          |            |          |  |              |   |             | 78       |          |          |          |          |          |          | $\top$                  |         | ]     |          | 128        |              |          |          |              |              |          |                 |          |                 |
|              | 29         |  |                 |          |           |          |            |          |  |              | ] |             | 79       |          |          |          |          |          |          | $\perp$                 | $\perp$ |       |          | 129        | <u></u>      |          |          |              |              |          |                 | _        | Ш               |
|              | 30         |  | Ш               | _        |           | _        |            |          |  | <u> </u>     |   |             | 80       | Ш        | _        |          |          | $\perp$  |          | $\perp$                 |         |       |          | 130        | L            | _        | Ш        |              |              |          | $\perp$         | $\dashv$ | Ш               |
| <u> </u>     | 31         |  | Ш               | _        | 4         | _        |            | _        |  | ļ            |   |             | 81       | $\sqcup$ | _        | _        | 4        | _        | $\bot$   | $\bot$                  | $\perp$ |       |          | 131        |              | L_       | Ш        |              |              |          | _               | _        | $\perp$         |
|              | 32         | <u> </u>   | $\vdash \vdash$ | $\dashv$ | 4         | -1       | _          | -        | -  | <del> </del> | 1 | <u> </u>    | 82       | -        |          |          | $\dashv$ | $\dashv$ | +        | +                       | +       | 1     | <u> </u> | 132        | <del> </del> | <u> </u> | Н        | ļ            |              | Ш        | $\vdash \vdash$ | $\dashv$ | $\dashv$        |
| -            | 33<br>34   | H  | $\vdash \vdash$ | +        | +         |          |            | _        | ⊢  | +-           | ł |             | 83<br>84 | $\vdash$ | -        | $\dashv$ | $\dashv$ | +        | +        | +                       | +       | ł     |          | 133<br>134 | $\vdash$     | -        | $\vdash$ | <del> </del> |              |          | $\dashv$        | $\dashv$ | ⊢┤              |
|              | 35         | $\vdash$   | $\vdash \vdash$ | +        | +         | $\dashv$ | $\dashv$   | $\vdash$ | $\vdash$   | +            | ł |             | 85       | $\vdash$ |          |          | +        | $\dashv$ | +        | +                       | +       | ऻऻऻ   |          | 135        |              | $\vdash$ | Н        | H            | <del> </del> | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$        |
|              | 36         | -  | $\vdash$        | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$   | -        | $\vdash$   | +            | 1 | _           | 86       | +-       |          |          | -+       | $\dashv$ | +        | +                       | +       | t     |          | 136        | $\vdash$     | $\vdash$ | Н        | $\vdash$     | -            | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$        |
| <u> </u>     | 37         | <del>                                     </del> |                 | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$   | -        | <del>                                     </del> | t            | 1 | $\vdash$    | 87       | H        | $\neg$   |          | $\dashv$ | +        | +        | +                       | +       | ۱     |          | 137        | $\vdash$     | $\vdash$ | Н        | _            | Н            | _        | -               | $\dashv$ | $\dashv$        |
|              | 38         | ┢  |                 | +        | +         | 7        | _          | _        | <del>                                     </del> | T            | 1 |             | 88       | H        |          | $\dashv$ | 1        | -        | $\dashv$ | $\top$                  | 1       | 1     |          | 138        | _            | $\vdash$ | H        |              |              |          | $\vdash$        | $\neg$   | 一               |
|              | 39         | $\Box$   | -               | _        | 十         | $\dashv$ |            |          | Т  | 1            | 1 |             | 89       | $\Box$   |          |          | 寸        | 寸        | $\neg$   | $\top$                  |         | 1     |          | 139        |              | Г        | П        |              |              |          |                 | $\neg$   | П               |
|              | 40         |  | $\Box$          | 十        | $\dashv$  |          |            |          |  |              | 1 |             | 90       |          |          |          |          |          |          |                         |         | ]     |          | 140        |              |          |          |              |              |          |                 |          |                 |
|              | 41         |  |                 | $\Box$   |           |          |            |          |  |              |   |             | 91       |          |          |          |          |          |          |                         |         | ]     |          | 141        |              |          |          |              |              |          |                 |          |                 |
|              | 42         | 匚  | П               | $\prod$  | $\bot$    | 괴        |            |          |  |              |   |             | 92       | $\Box$   |          | $\Box$   | $\bot$   | $\bot$   |          | L                       |         | ]     |          | 142        |              | $\Box$   |          |              |              |          |                 |          | Ш               |
|              | 43         | _  | Ш               | $\dashv$ | _         | _        |            |          | _  | 1_           |   |             | 93       | $\sqcup$ |          |          | _        | _        | _        | _                       | 1       |       |          | 143        | _            | L        | Ш        | _            | L            | _        | Ш               |          | Щ               |
|              | 44         | _  | $\vdash \vdash$ | 4        | 4         |          | _          | _        | _  | $\vdash$     | 4 |             | 94       | $\vdash$ | _        |          |          |          | -        | -                       | 4-      | 4     |          | 144        | <u> </u>     | <u> </u> |          | <u> </u>     | <u> </u>     | _        | $\square$       | _        | Щ               |
|              | 45         | -  | -               | -        | 4         |          | $\dashv$   | _        | _  | ┼-           | 1 |             | 95       | $\vdash$ |          |          | $\dashv$ | +        | +        | +                       | +-      | ł     |          | 145        | $\vdash$     | ├-       | $\vdash$ |              |              | <u> </u> | $\vdash \vdash$ | _        | $\dashv$        |
| <del> </del> | 46<br>47   | -  | $\vdash \vdash$ | +        | +         | $\dashv$ | $\dashv$   | _        | $\vdash$   | $\vdash$     | ł |             | 96<br>97 | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +        | +-                      | +-      | 1     |          | 146<br>147 | <del> </del> | $\vdash$ | -        | -            | -            | -        | $\vdash$        | $\dashv$ | $\vdash \vdash$ |
| $\vdash$     | 48         | $\vdash$   | H               | +        | +         | $\dashv$ | $\dashv$   |          | $\vdash$   | $\vdash$     | l | <del></del> | 98       | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | +        | +        | +-                      | +       | 1     |          | 147        | -            | -        | Н        | -            | -            |          | $\vdash$        | $\dashv$ | $\dashv$        |
| $\vdash$     | 49         | $\vdash$   | H               | $\dashv$ | +         | $\dashv$ | $\dashv$   | _        | $\vdash$   | $\vdash$     |   |             | 99       | $\vdash$ | $\dashv$ | ᆉ        | $\dashv$ | $\dashv$ | +        | ╅╴                      | +       | liiii |          | 149        | ┢            | $\vdash$ | Н        | -            | -            | -        | -               | $\dashv$ | $\dashv$        |
|              | 50         | _  |                 | $\dashv$ | +         | -        | $\dashv$   | _        | Н  | $\vdash$     | 1 |             | 100      | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +        | +                       | +       | 1     |          | 150        | $\vdash$     | -        | Н        | $\vdash$     |              |          | $\vdash$        | $\dashv$ | Н               |
|              | <u> </u>   |  |                 |          |           |          | _          |          |  | <u> </u>     | 1 |             |          |          |          |          |          | —        |          | ㅗ                       |         | J     |          | <u>,</u>   |              |          |          | _            |              |          |                 |          |                 |